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Sheet 1: -

① A compiler scans through all the source code, if it is error free, it translates it to another language. Interpreters scan and run statement by statement, and the execution is stopped when there is error in the source code.

② Compiler's generated code is faster in execution than that of interpreters after first run.

③ Interpreter takes less time to analyze the code, It is memory efficient since there is no intermediate object code, and debugging is easy.

④ That makes the design of compiler simpler

④ C is available on many platforms, and it is optimized, so, it's fast in execution.

⑤ Assemblers translates the assembly code to machine code.